

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
E. Uzgiris et al.



Serial No.: 10/743,200

Group Art Unit:

Filed: December 22, 2003

Examiner:

For: EXTENDED-LINEAR POLYMERIC
CONTRAST AGENTS, AND SYNTHESIS
METHODS, FOR MEDICAL IMAGING

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner for Patents
Washington DC 20231

SIR:

This Information Disclosure Statement is being filed under 37 CFR 1.56 for a continuing application which relies on the filing date of its parent application, such parent application being identified as:

U.S. patent application Serial No.: 09/803,794

Filed: March 12, 2001

Inventor(s): E. Uzgiris et al.

Title: EXTENDED-LINEAR POLYMERIC CONTRAST AGENTS, AND SYNTHESIZING
METHODS, FOR MEDICAL IMAGING

Enclosed are Forms PTO-1449 listing all "prior art" cited in each Form PTO-1449 submitted in the parent application and in each Form PTO-892 cited in the parent application. Pursuant to 37 CFR 1.98(d), no actual copies of documents listed on such forms are being furnished to the PTO with this Information Disclosure Statement.

Respectfully
Submitted,

Date: February 9, 2004

A handwritten signature in black ink, appearing to read "Toan P. Vo".

Toan P. Vo

Attorney/Agent

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FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

RD-26797-6

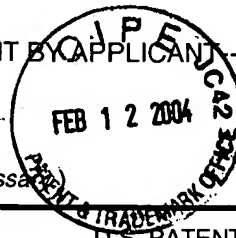
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

LIST OF ITEMS

(Use several sheets if necessary)



Applicant

E. Uzgiris et al.

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Group

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA 5 9 5 8 3 7 2	09/28/99	Ladd			
	AB 5 5 5 4 7 4 8	09/10/96	Sieving et al.			
	AC 5 2 3 0 8 8 3	07/27/93	Kornguth et al.			
	AD 6 3 7 2 1 9 4	04/16/02	Akaike et al.			
	AE 6 2 7 4 7 1 3	08/14/01	Sieving et al.			
	AF 5 9 1 9 4 3 2	07/06/99	Meyer et al.			
	AG 6 2 3 5 2 6 4	05/22/01	Uzgiris			
	AH 5 7 6 2 9 0 9	06/09/98	Uzgiris			
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

AR	US publication 2001/0028877, published August 2001, inventor - Uzgiris
AS	PF Sieving et al., <i>Preparation and Characterization of Paramagnetic Polychelates and Their Protein Conjugates</i> , Bioconjugate Chem. 1:65-71, 1990.
AT	D.A. Sipkins et al., <i>Detection Of Tumor Angiogenesis In Vivo by AvB3-Targeted Magnetic Resonance Imaging</i> , Nature Medicine, Vol. 4, No.5: 623-626, May 1998.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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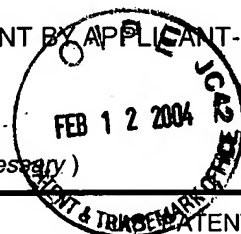
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	BC					
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	BI					
	BJ					
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						YES	No
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

BR	Pierre-Giles de Gennes, "Entangled Polymers", Physics Today, 06/83, pp. 33-39.
BS	Pierre-Giles de Gennes, "Reptation of a Polymer Chain In The Presence Of Fixed Obstacles", J. Chem. Physics 55, January 18, 1971, pp. 572-579.
BT	Paul F. Steving, Alan D. Watson, and Scott M. Rocklage, "Preparation and Characterization of Paramagnetic Polychelates and Their Protein Conjugates", Bioconjugate Chem. Vol 1, July 31, 1989, pp. 65-71.

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AU

Theodore J. Passe, M.D. et al., "Tumor Angiogenesis: Tutorial On Implications For Imaging, RSNA, 1997; 203: 593-600

AV

R. Abramovitch, et al., *Noeovascularization Induced Growth Of Implanted c6 Glioma Multicellular Spheroids: Magnetic Resonance Microimaging*, Cancer Research 55, 1956-1962, May 1, 1995.

AW

C. Frouge et al., *Correlation Between Contrast Enhancement in Dynamic Magnetic Resonance Imaging of the Breast and Tumor Angiogenesis*, *Invensigative Radiology*, Vol. 29, Nov. 12, 1994, 1043-1049.

AX

R. Brasch, M.D. et al., *Assessing Tumor Angiogenesis Using Macromolecular MR Imaging Contrast Media*, *JMRI* Jan/Feb 1997, 7:68-74.

AY

F. Demsar et al., *A MRI Spatial Mapping Technique for Microvascular Permeability and Tissue Blood Volume Based on Macromolecular Contrast Agent Distribution*, *MRM* 37-236-2242 (1997)

AZ

E. E. Uzgiris, *Tumor Uptake of Contrast Agents; The Role of Molecular Conformation*, *SMRM Proceedings* 1656 (1998).

BU

H.F. Dvorak et al., *Vascular Permeability Factor/Vascular Endothelial Groth Factor, Microvascular Hyperpermeability, and Angiogenesis*, *AJP* May 1995, Vol. 146, No. 5.

BV

F. Scopinaro et a., *Technetium-99m Sestamibi: An Indicator of Breast Cancer Invasiveness*, *Eur. J Nuci Med* (1994) 21:984-987.

BW

L.D. Buadu, *Breast Lesions: Correlation of Contrast Medium Enhancement Patterns on MR Images With Histopathologic Findings and Tumor Angiogenesis*, *Radiology*, Vol. 200, No. 3, pp. 639-649.

BX

N. Weidner, M.D. et al., *Tumor Angio genesis and Metastasis-Correlation In Invasive Breast Carcinoma*, *The New England Journal Of Medicine*, Vol. 3224: 1-8, 1991.

BY

E.F. Haran et al., *Tamoxzfen Enhances Cell Death In Implanted MCF7 Breast Cancer By Inhibiting Endothelium Growth*, *Cencer Research* 54,5511-5514, Nov. 1, 1994

BZ

R.H. Austin et al., *Stretch Genes*, *Physics Today*, pp. 32-37, 1997

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